

Y-12er Recalls Sunday, December 7, 1941, On Midway Island In Far Pacific

Sharply etched in everyone's memory are the events of 25 years ago . . . a "day which will live in infamy," according to President Roosevelt. Everyone old enough to remember at all can tell you minute details of that fateful Sunday in 1941 . . . where they were, what they were doing; some even remember what they had for Sunday dinner. Strange tricks the human mind plays.

Vivid in one Y-12er's mind are the full 24-hours of December 7, 1941 . . . O. J. (George) Draughn, welder in Research Services. He was not at Pearl Harbor, but was about 1,350 miles away at Midway . . . that tiny dot in the Pacific that averages no more than 33 feet above sea level. His wife-to-be was in Honolulu, however, at the time of the strike. She was in school there.

Numb disbelief was the emotion at Midway. Draughn was there with construction . . . the Civilian Pacific Naval Base Company, building air fields throughout the Pacific. It was until about 9 p.m. that Sunday that Midway too felt the brunt of the Imperial Navy. Protected by a coral reef, Midway was never invaded by the Japanese.

Water Tank Hit

Draughn says the main concern after the naval bombardment was the water supply. A 60,000 gallon tank, hovering 175 feet in the air over Midway held the fresh water supply for the garrison of civilians and servicemen stationed on the small plot of Pacific sand. The tank sustained damages during the shelling.

The second salvo began as Draughn was finishing the repairs to the tank in a bossun's chair. There were very few places to hide there as he was left hanging in mid-air. A fellow worker guided his body over against the tank, and he slid down to the cat-walk



O. J. Draughn

about 12 feet below . . . then made it to cover himself.

Concern, too, for his fiancée, Harriet Fujisaki caused considerable grief to Draughn during the early days of the war. It was weeks before he heard that she was uninjured at Pearl.

Back To Hawaii

He returned to Pearl Harbor in about six months and he and Harriet were married. He said the destruction of the fleet was unbelievable. Hickam, Schofield, Wheeler Fields were all in shambles . . . with the heart of the Pacific Fleet broken in the harbor.

Mrs. Draughn revisited her native Hawaii two years ago to see her 95-year-old father.

Draughn is quick to recommend the "pearl of the Pacific" for vacation, particularly lesser known spots in the Islands . . . Nanakuli Beach, on the western side . . . and Kaili Beach on the northern or windward side. He said Waiki

Continued on Page 4

K-25 Begins Fuel Shipment To India

The Oak Ridge Gaseous Diffusion Plant will begin shipment shortly of some \$7.4 million worth of enriched uranium destined for nuclear power plants in India.

C. A. Keller, director of the Production Division of the Atomic Energy Commission's Oak Ridge Operations, said that the shipments, which will continue through February of 1967, involve some 140,000 pounds of uranium hexafluoride. Enrichment of the materials will range from 1.4 to 2.4 per cent in uranium 235.

The material will be shipped first to General Electric Company, San Jose, California, for processing and fabrication into reactor fuel elements. The fuel will be used in twin 190 electric megawatt reactors in the Tarapur power station which is now under construction on the west coast of India. The boiling water reactors are due for initial operation in 1968.

ORGP earlier this year shipped some 147,000 pounds of enriched uranium valued at more than \$7.7 million dollars for the reactors.

Enriched uranium is being sent to India under a long-term sales contract between the governments of India and the United States. It is the first long-term fuel sales contract to be concluded by the United States outside of Western Europe, and provides for the sale by the US AEC to India of approximately \$100 million worth of enriched uranium over a 25-year period for the Tarapur reactors.

FAMOUS HORSEMAN

Had not Paul Revere made his famous "midnight ride," his name would still have been engraved in history. One of the first gold and silversmiths in this country, his works still stand as models for metal worker today.



POSSIBLY THE PUREST URANIUM refinement ever attained is demonstrated by Jeanette Bieber, plant chemist. The small uranium rod, which will be used for research purposes, was refined to less than 30 ppm total impurities.

Possibly The Purest Uranium Ever Refined Processed Here

Research chemists in Y-12 have refined a small uranium rod to less than 30 parts per million total impurities—possibly the purest uranium refinement ever attained.

This was the summation of 75 impurity elements, assuming the maximum values for the lower limits of detection.

The purification factor was obtained by passing an 18-gram portion of the rod, which originally contained 900 parts per million total impurities, several times through a standard electron-beam floating-zone refiner. The purity was verified by a spark-source mass spectrometer.

The uranium will be used for research purposes.

Another Fall Marks 8th Lost-Time Accident

The 8th lost-time accident of 1966 occurred Thursday, December 1. Another fall. A painter fell from a scaffold onto a concrete floor. The fall resulted in a fractured hip, wrist and lacerations. The employee was admitted to the Oak Ridge Hospital for treatment.

The accident brought to a close the current string of accident-free hours at approximately 1,200,000 man-hours.

Most of this year's disabling injuries have been the result of falls.

Electron Microscopy Is Physics Seminar Theme

T. A. Welton, Physics Division, will conduct this week's seminar. His subject will be "High Resolution Electron Microscopy."

The seminar is set for Friday, December 9, at 3:15 p.m., in the East Auditorium of ORNL's 4500 building.

Little Sunshine Seen For Winter's 1st Day

Winter arrives this year on Thursday, December 22. That day will be the shortest of the year (with the longest night) in the northern hemisphere. The sun enters the Sign of Capricorn, rising at 7:15 a.m., EST, and setting at 4:32 p.m. for a total appearance of only nine hours, 15 minutes. An overcast will even cut down on that appearance.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
Three Days Or
46,000 Man-Hours
(Unofficial Estimate)
Through December 4
Without A Disabling
Injury
Safety Is Not
A 'Sometimes' Thing



MEMBERS OF THE U. S. HOUSE OF REPRESENTATIVES appropriations committee visited Y-12 recently for a briefing on plant activities and a tour of facilities. One of the points of interest was this recently installed, three-axis, tape-controlled, horizontal boring mill undergoing checkout tests by R. J. Hutchins, on the platform, and Oliver Smelcher, far right. Observing are, left to right: S. R. Sapirie, AEC-Oak Ridge Operations Manager; N. A. Shearon, AEC-ORO; J. M. Case, Assistant Y-12 Plant Superintendent; A. K. Bissell, Y-12, Mayor of Oak Ridge; C. E. Larson, president of Union Carbide—Nuclear Division; R. F. Hibbs, Y-12 Plant Superintendent; Joe Evins, Tennessee Congressman and member of appropriations committee; G. A. Urian, appropriations committee staff member; and J. J. Rhodes, Arizona Congressman and member of the appropriations committee.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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McNeil Son Cited By Air Force

L. W. McNeil, Tool Engineering, was recently notified that his son A3C Harry J. McNeil was named Outstanding Airman of the Quarter. McNeil garnered the honors in the USAF Marksmanship School at Lackland Air Force Base, Texas.

The notification read in part: "Airman McNeil is a highly motivated airman and is considering the Air Force as his career. He completes all of his assigned duties in an outstanding manner. He is fully capable of performing all of the different tasks in this section. He never hesitates to assist others and always volunteers to work before and after duty hours when it is deemed necessary . . . 'stable, self-reliant, diligent and highly resourceful which are the characteristics of an outstanding, career-minded airman.'"

"He completed his three level OJT in four months, at the same time completed the LAFB Typing Course. He has nearly completed his five level OJT and has been in training since mid-September 1966.

"Airman McNeil participates in most squadron sports. He played on the Squadron Slow Pitch Softball Team which placed fourth for the season. He participated with the Squadron Touch Football Team which placed fourth in the league and finished fifth place for the Base Commanders Trophy. He is currently playing on the Squadron Basketball Team."

Airman McNeil is taking on-the-job training at Lackland in IBM methods and equipment. He took his basic training at Amarillo Air Base.

The McNeils live at 5512 Crestwood Road, Knoxville. They have another son David, who is interning at the UT Hospital in Memphis; Greg, attending Central High School; and a daughter Becky in Fountain City Grammar School.

Lamps Would Probably Even Fool Old Ben!

Replicas of the first workable streetlight, a famous invention of Ben Franklin, highlight the refurbishing of many colonial houses and streets in the residential areas around Independence Hall in Philadelphia. The Franklin light was selected over more modern lamps in keeping with the city's desire to preserve "Old Philadelphia." Ben wouldn't recognize the lamps, however. They have Plexiglass lenses.

Any off-guard minute may have an accident in it.

Holiday Bureau Is Busy This Season!

Y-12ers Respond To Agency's Effort

Y-12ers have always been responsive to the Holiday Bureau, and it is expected that this year will be no exception. As Christmas approaches, the Holiday Bureau renews its efforts to make the holiday season just a little brighter for less fortunate families in Oak Ridge and Anderson County. This year the Bureau will provide food, toys and clothing to some 900 families with almost 4,000 children. These families were referred to the Bureau by referral forms filled out at the Welfare Departments in both Oak Ridge and Clinton. The Holiday Bureau is a non-profit organization governed by a Board of Directors.

The Holiday Bureau also acts as a clearing house for groups or individuals that wish to assist a needy family personally. Through a master list, the Bureau is able to supply names as well as other pertinent information. This service prevents widespread duplication, thereby affording a broader distribution to those in need, says Gerald Goldberg, an ORNL employee, who is chairman of the Holiday Bureau.

On Turnpike

The Bureau is located in Denison Hall, a converted dormitory just east of the National Guard Armory, across the Turnpike from the Garden Apartments. It is open from noon until 9 p.m. each day. New and repairable toys are needed as is clothing, non-perishable food and usable furniture.

Financial assistance is needed also. In 1965 the Bureau spent \$4,800 of which \$2,100 was received from the United Fund. The balance came from donations, both large and small, from interested groups and individuals, coffee funds and "In-lieu-of-Christmas Cards" donations. This year an anticipated \$4,800 is again planned. Therefore, the Bureau must raise some \$2,700 over and above the United Fund donation.

Through the cooperation of the Oak Ridger, all donations are listed periodically, unless requested otherwise, during the month of December, as are the donations to the 'Card Fund.' Donations to both funds may be turned over to Chairman Goldberg or mailed to P. O. Box 220, Oak Ridge, in the name of either of the Funds. The 'Card Fund' donations may be made to the charity of your choice and will be forwarded by the Holiday Bureau. The amount donated through the 'Card Fund' is not normally listed.

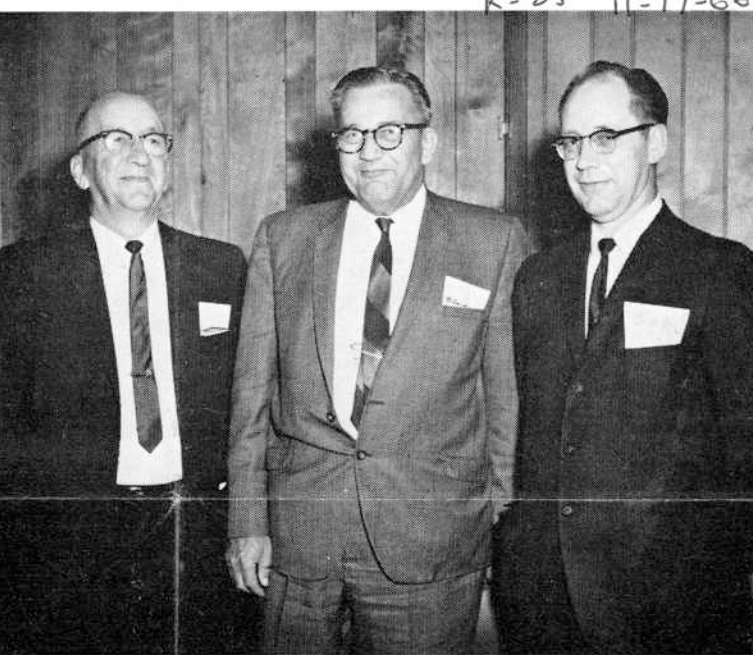
Helpers Are Needed

In addition to financial support, the Bureau needs man and womanpower. Anyone willing to give a few hours painting, mending or sorting and boxing incoming toys will be welcomed with open arms. Charlie Stanton, a retired K-25 employee, is at the Bureau at all times. The telephone number there is 483-0865. Referral of families is handled by Madge Baker, wife of Kenneth Baker, Y-12. She may be reached at 483-7541. Goldberg may be reached on extension 3-1406 or 483-9582, after working hours.

The distribution of toys will begin Friday, December 16, so time is short. Your own Christmas will be made brighter by lending the Holiday Bureau a helping hand. The knowledge that Christmas was made a little brighter for someone else is perhaps the most joyous of blessings at this time of the year.



ATTENDING OLD-TIMERS' DINNER recently from Y-12 were, from left, T. I. Sloan, S. F. Creigh, M. L. Nygard, R. W. Forseman, Jack Case, Clark E. Center, and E. A. Pluhar. The group welcomed Forseman in, as he celebrated his silver anniversary June 15, 1966.



TWO FORSEMAN NOW ARE IN THE OLD-TIMERS crowd . . . A. A., at left, and Robert W., at right. They are greeted above by C. E. Center, vice president of the Nuclear Division of Union Carbide. The older Forseman retired from K-25 in 1961 after more than 38 years company service with Carbide. They are the only father-son combination in the Oak Ridge OT Club.

New AEC Film Is On Nuclear Energy

A new color film on the generation of electric power through nuclear energy is now available for loan to the public from the Atomic Energy Commission here. The 16mm film running 28 minutes is called "Atomic Power Today: Service with Safety," and was produced jointly by the Atomic Industrial Forum and the AEC. The film is suitable for showing before nontechnical audiences and is cleared for telecasting.

The documentary production explains the growing need for electricity, contrasts conventional and nuclear generating technology, and shows how a nuclear power plant is designed, built, and operated for safe, dependable service.

The film may be borrowed free of charge except for return postage by contacting the AEC Motion Picture Film Library, P.O. Box E, Oak Ridge, 37830.

TWO ANCIENT SPORTS

A coed we know was recently completing her college entrance examinations. One question was "Name two ancient sports." She promptly answered "Anthony and Cleopatra" . . . and passed, too!



Ride wanted from Sevier Avenue, Knoxville, to East Portal or North Portal, straight day. Alice Montgomery, plant phone 3-5826, home phone Knoxville 577-8807.

Riders wanted or will join car pool from Ozone, Westel, Rockwood section to any portal, straight day. J. W. Jackson, plant phone 3-7256.

ASM Plans Gala Dinner- Dance At Country Club

The American Society for Metals is staging a big dinner-dance Saturday, December 10. The Christmas party will be held at Melton Hill Country Club, which sports a newly paved access road.

The social and happy hour begins at 6:30 p.m. Dinner is slated from 7:30 until 9. From then on it's dancing to Jim Cureton's Comb, who made many forget they had forgotten how to dance at last year's party. Soloists from the University of Tennessee Singers will also be heard.

The price tag is \$6 for members and dates. Price to all other

Old-Time UCC Vets Honor New-Comers

The Old Timers Dinner was held in Oak Ridge Thursday, November 17, honoring the men and women of Union Carbide Corporation, Nuclear Division, who completed 25 years of company service this year.

Y-12 furnished the honored group with one candidate . . . as Robert W. Forseman passed the magic mark June 15. Forseman was reinstated at K-25 February 11, 1946, after three years in the Army and one year with the Mining and Metals Division at Duluth, Minnesota. He transferred to Y-12 April 1, 1961.

Other 25-year men were William E. Williams, General Staff; Robert D. Ackley, Oak Ridge National Laboratory; Charley F. Hale, Oak Ridge Gaseous Diffusion Plant; and S. Benjamin Lupica, Oak Ridge National Laboratory.

Dan H. Rader holds the longest continuous service for any Y-12-er. Come January 5, he will celebrate 37 years with Union Carbide. He hired in at South Charleston January 5, 1930.

In order of their company service Y-12's other Old-Timers are H. B. Davis, July 22, 1930; D. W. Harrigan, September 15, 1934; Tennyson I. Sloan, August 31, 1936; Edward A. Pluhar, March 1, 1939; and Forseman.

Y-12er Forseman's father, A. A. Forseman also attended the banquet. It was held at the Holiday Inn. The elder Forseman retired from ORGDP in 1961 with more than 38 years service with Carbide.

Y-12 will welcome one other 'graduate' into the veterans class . . . come 1967. Then in 1968, the gates will really open!

D. H. Rader and H. B. Davis were unable to attend the gala event.

Retired employees still living in the area are always made welcome at the annual dinner.

WEATHER PREDICTION

A London fashion expert says the miniskirt is here to stay . . . says skirts will go even higher come December. Somebody must be expecting a mild winter.

guests is \$7 per. Tickets should be obtained in advance from ASM area contacts.

Recreation



Friday, December 9
MAINTENANCE CHRISTMAS PARTY: Oak Ridge Country Club.

Monday, December 12
BOWLING: 5:45 p.m., C League, Ark Lanes.

TABLE TENNIS: 7 p.m., Wildcat's Den.

PHYSICAL FITNESS: (Girls), 7 p.m. Oak Ridge High School Girls' Gym.

BASKETBALL: Beginning 6:30 p.m., Oak Ridge High School Gymnasium. Has Beens vs. B bar R's; Celtics vs. Bat Boys; Bombers vs. Radioisotopes.

Tuesday, December 13
PHYSICAL FITNESS: (Men), 7:30 p.m., Oak Ridge High School Gymnasium.

Wednesday, December 14
BASKETBALL: Beginning 6:30 p.m., Jefferson Junior High School. B bar R's vs. Bat Boys; Braves vs. Ecobums; Bombers vs. VIP's.

BOWLING: 8 p.m. Mixed League, Ark Lanes. (End of first half).

Thursday, December 15
VOLLEYBALL: Beginning 6:30 p.m. Court A: Beavers vs. Eagles; Mix-Ups vs. K-25 Sports; Charley Browns vs. Old Men. Court B: Scrubs vs. Set-Ups; Neophytes vs. Beagles; Ecobums vs. Tigers.

BOWLING: 5:45 p.m. Classic League, Ark Lanes.

BADMINTON: 7:30 p.m., Jefferson Junior High School Gymnasium.

Friday, December 16
DEADLINE: For applying for Kids' Christmas Parties, December 21.

Don't put someone on the spot — Wipe it up!

Tigers Take Slim Classic Alley Top

The Tigers broke the tie in the Classic Bowling League's lock-up tie by edging two points from the Rebels. The Bumpers fell by three to the Smelters. Only two sweeps were recorded last week, as the Markers marked four from the Swingsters, to move up within shooting distance of the top berth. The Splinters also skunked the Cubs.

Three points went to the Eightballs over the All Stars, the Playboys over the Wasps and the Eagles over the Rippers.

The Has Beens and Screwballs also split two points.

Dick Huber, All Stars, posted a 226 scratch game; J. G. McArthur, Smelters, rolled a 253 handicap single. Bill Smith, Eagles, blasted a 632 scratch, 713 handicap series!

The Bumpers bumped singles with a 925 scratch, while the Smelters posted a 1059 handicap single tally. The All Stars posted a 2538 scratch series . . . while the Smelters returned to the boards with a 3026 handicap series.

League standings follow:

Team	W	L
Tigers	31	17
Bumpers	30	18
Markers	29	19
Swingsters	26	22
Has Beens	26	22
Rippers	25	23
Smelters	24½	23½
All Stars	24	24
Rebels	24	24
Cubs	22½	25½
Screwballs	22	26
Eightballs	22	26
Playboys	22	26
Splinters	21	27
Wasps	20	28
Eagles	15	33

WISE BACHELOR

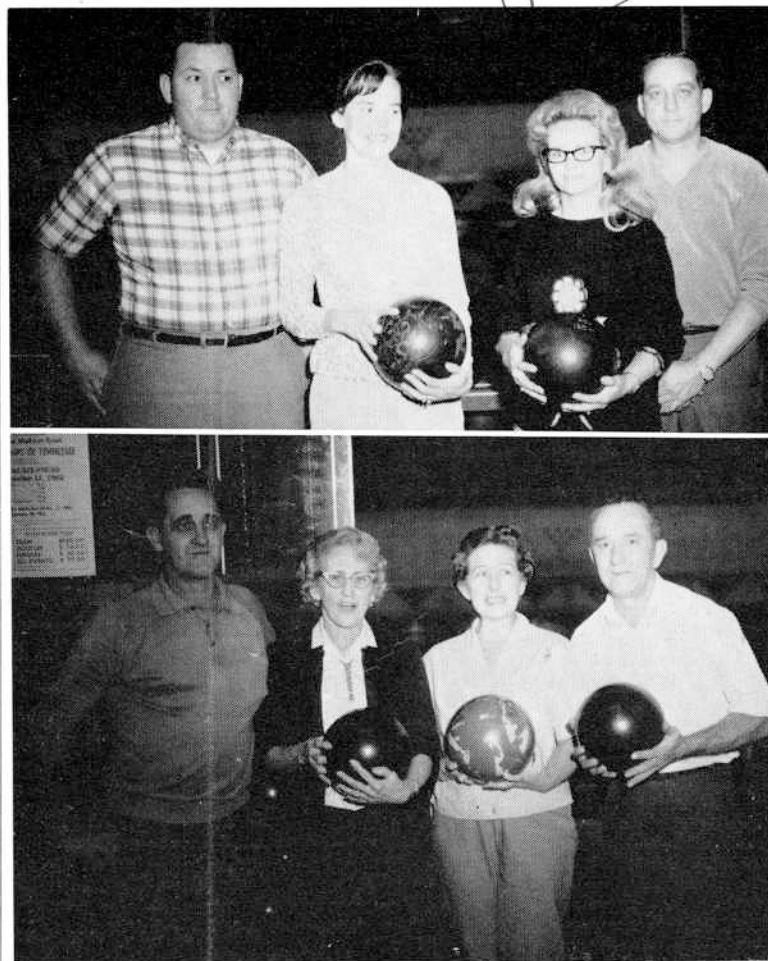
Explaining why he never married, the old farmer stated, "I'd rather go through life wanting something I didn't have than having something I didn't want."

An Old Tennessee Tradition



...TELL 'EM ONLY
WHAT THEY NEED TO KNOW!

Y-12 SECURITY DEPT



TRIPLE THREATS IN THE MIXED LEAGUE for Y-12ers along the bowling circles are the two fine teams seen above. In the top photograph are the Twisters, Don and Dixie Stinnett and Donna and Spence Ferguson. In the lower photo, are the Alley Cats . . . Bill Smith, Elinor Charpie, Jeri Kobisk and Steve Pintur.

Y-12 Teams Lose In Basketball

Basketball teams hit the buckets in force last week . . . as the nine team competition began its winter play.

The Y-12 Braves collided with the ORNL Has Beens in the season's debut. The Has Beens won the tilt 45 to 32. Big gun for the HB team was Ralph Wormsley, 15; and Don Bennett, 13. Firing 10 points for the Braves was Jim Milligan.

The K-25 Celtics edged by the ORNL B bar R's in game number two 38 to 36. Churchill Moore was hot with 17 points to his credit for the winners, while B. Brown scored 13 for the losers.

ORNL's Radioisotopes won the final game Monday from the Y-12 Bat Boys 48 to 15. Frank O'Donnell scored nine points for the winning squad; Harold Adair, eight.

Wednesday's action began as the VIP's from ORNL crushed the Ecobums, also from ORNL 26 to 30.

The ORNL Bombers lowered their sights on the Has Beens, also from ORNL, in Wednesday's second game, 69 to 36. Big man on the winning squad was Tom Kress, with 15 points through the bucket. For the losers it was Ralph Wormsley, with 14.

Radioisotopes won their second game of the week by downing the Y-12 Braves 53 to 38. Scoring nine points each were Junior Hood, Gerald Alton and Jim Gibson. Tim Butler tallied with 10 for the losing Y-12 team.

League standings follow:

Team	W	L
Radioisotopes, ORNL	2	0
Celtics K-25	1	0
VIP's, ORNL	1	0
Bombers, ORNL	1	0
Has Beens, ORNL	1	1
Bat Boys, Y-12	0	1
B bar R's, ORNL	0	1
Ecobums, ORNL	0	1
Braves, Y-12	0	2

A HELPING HAND

Give a man a fish, and you feed him for one day. Teach him how to fish and you feed him for life. Old Proverb.

Roses 'N Thorns Take Mixed Lead

The Mixed Bowling League last week saw new leaders, as the Roses 'N Thorns bared their claws and tore into the Alley Cats, for a full-point sweep. Winning three were the Mustangs over the Hits & Misses, the Twisters past the Rollers and the Goofers around the Novices.

Roy Scates, Mustangs, was hot on scratch rolling, with a single game of 208, and series of 542. Steve Pintur, Alley Cats, rolled a 227 handicap single; and Bill Hackett, Roses 'N Thorns, posted a 627 handicap series. Joyce Gillihan, Goofers, gained singles honors with a 188 scratch, 230 game . . . while Jeri Kobisk, Alley Cats, rolled a 425 scratch series. Dixie Stinnett, Twisters, took a 570 handicap series.

The Rollers rolled the best singles . . . 665 scratch, 773 handicap . . . while the Mustangs mustered honors in series . . . 1783 scratch, 2197 handicap.

League standings follow:

Team	W	L
Roses 'N Thorns	29½	18½
Mustangs	29	19
Twisters	26	22
Rollers	25½	22½
Novices	24	24
Goofers	23½	24½
Alley Cats	22	26
Hits & Misses	12½	35½

Big Leaders Win In C Alleywork

"Status quo" reigned in the C Bowling League last week, as most leading teams took wins from lower - ranked opponents. The only four point win of the day went to the Sunflowers over the Parbusters.

Three big points went to the Badgers past the Invalids, the Rounders over the HiLifers, the Strikers past the Royal Flush, the Big Five better than the Rodders, and the Fireballs over the Rollmasters.

Ray Galford, Sunflowers, posted high scratch rolling . . . singles of 212 and series of 573. Perry

Volleyball Play Opens With Bang

Three teams won sweeps in the opening night of Volleyball play, as the 12-team league blasted into action December 2.

The K-25 Sports won four from the Y-12 Eagles, 15-3, 15-6, 15-1 and 15-1. Y-12's Beavers bested the ORNL Ecobums 15-5, 15-7, 15-6, and 15-2. The ORNL Scrubs won four from the Neophytes, Y-12, 15-2, 15-1, 15-9 and 15-0.

The ORNL Beagles won three from the K-25 Mix-Ups 21-19, 15-7, 15-8, after dropping game number one 15-12. The ORNL Tigers tore three from the hides of the Charley Browns, ORNL, 15-2, 15-9, 15-6; but lost game one 15-11. The Old Men and Set-Ups, both from ORNL, split two. The Men won the first two 16-14, 16-14, while the Set-Ups took the last two 15-3, 15-10.

League standings follow:

Team	W	L
K-25 Sports	4	0
Beavers, Y-12	4	0
Scrubs, ORNL	4	0
Beagles, ORNL	3	1
Tigers, ORNL	3	1
Set-Ups, ORNL	2	2
Old Men, ORNL	2	2
Charley Browns, ORNL	1	3
Mix-Ups, K-25	1	3
Eagles, Y-12	0	4
Ecobums, ORNL	0	4
Neophytes, Y-12	0	4

Y-12 Ping-Pong Men Win Again

Bill Motley took two victims in last week's action in the X Table Tennis League. He cleaned Ralph Einstein and Herb Mook for the full count. Roy Huddleston won a sweep from Bob Bernard.

In the Y League, Gordon Brewer won three from Ellis O'Rourke. No other Y-12er saw action in either of the two leagues.

X League standings:

Player	W	L
William Motley, Y-12	23	1
Roy Huddleston, Y-12	18	3
Subbu Raman, ORNL	18	6
Herb Mook, ORNL	14	10
Ernest Schonfeld, ORNL	11	13
John Stockdale, ORNL	10	14
Ralph Einstein, ORNL	8	10
Bob Bernard, ORNL	6	18
Henry Nicholson, ORNL	6	15

Y League standings:

Player	W	L
Gordon Brewer, Y-12	22	2
Fred Shull, ORNL	19	5
Al Norris, Y-12	16	5
Ram Uppuluri, ORNL	15	6
Art Weinberger, ORNL	13	11
Ed Gambill, Y-12	13	11
Stanley Cantor, ORNL	11	13
Joe Lewin, ORNL	5	19
Francois Kertesz, ORNL	0	21
Ellis O'Rourke, ORNL	0	21

Bullard, HiLifers, rolled a 242 handicap game . . . and Bill Wallace, Parbusters, posted a 639 series in handicap tally.

The Badgers bested the field in singles . . . scratch of 946 . . . handicap of 1085. The Sunflowers soared to a 2584 in scratch counting of series . . . while the Badgers posted a 2943 handicap series.

League standings follow:

Team	W	L
Badgers	35	13
Rounders	32½	15½
Sunflowers	31	17
Strikers	26	22
Big Five	26	22
Rodders	25	23
Fireballs	23½	24½
HiLifers	21	27
Parbusters	19	29
Rollmasters	17	31
Invalids	17	31
Royal Flush	15	33

Winter's Hazards Add To Driving Complications

Winter frosts, icy bridges and roads, extended periods of darkness, and other hazards add to the woes of driving during this season. In any weather, caution is the watchword on the highways.

But it is particularly so during the three months when the earth is asleep in winter's arms.

RELATIVELY SPEAKING

The rich may not live longer than the poor. It just seems longer to their poor relations.



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Y-12er Recalls

Continued from Page 1

ki Beach is pretty . . . but man-made. In the 30's when he first saw it, during an Army tour, it was just a big swamp covered with lilies. He recommends a light plane tour of the main islands. Niihau should be visited also, because it is here that only pure Hawaiians live. (Most of the isles are inhabited by Orientals, Portuguese, French . . . with only a scattering of Kanakas . . . or pure Polynesians.)

The sights to see? There's the big Dole factory there (with a water tank shaped like a pineapple which Draughn helped construct), the beaches, the volcanoes, the black sand (that doesn't get you dirty), the pineapple acres, the waterfalls.

He says not to leave Hawaii without seeing a Hukulau (a method of fishing with nets) and the luau that allows follows.

Ride the glass-bottomed boats to see the coral formations. Visit a volcano. Draughn says it's difficult to describe an erupting volcano . . . you have to see it to believe it.

George and Harriet always do something special on December 7 . . . it's an important day to them, a day to remember. (About the only memento he has of those days is the small radio on which he heard of the "dastardly attack.")

Go back to Hawaii? Someday

SNT Meeting Is Set At Marina

The Oak Ridge Section of the Society for Nondestructive Testing will meet next Tuesday, December 13. The meeting is set for 6:45 p.m. (dinner) at the Oak Ridge Marina on River Road.

Richard Apple, Research Engineer, Automation Industries, Inc., Boulder, Colorado, is the featured speaker. He will speak on "Infrared As Applied To NDT."

Apple received his BSEE degree from the University of Colorado and has been with Automation Industries for the past eight years. His primary function at Automation Industries is the development of instruments and techniques for thermal nondestructive testing. He has published a report entitled "Nondestructive Evaluation of Material Properties Through Uses of Thermal Inspection Systems" on a U. S. Air Force contract.

All members of SNT and interested parties are urged to attend.

the Draughns will return, he says. In the Pacific, you ride with the tide instead of fighting the current like we do here. "There's something about their way of life that is a little easier, a little more of a peaceful attitude toward things," he says.

Remember what you were doing 25 years ago today?



IT LOOKS LIKE LASSIE HAS GONE WESTERN for the big Christmas parties set for Carbide Kids Wednesday, December 21. Angela Winlow and her braves are seen in the spectacular trained dog act, aimed right at the heart of a child. Santa and all the trimmings will also grace the parties. Application for tickets appears for the last time in this issue of the Bulletin.

Camera Club Sets December Meeting

The final meeting of the 'dying year' will be held by the Carbide Camera Club next Tuesday, December 13, at 8 p.m. in Cheyenne Hall. A timely program will be featured: a panel discussion by Oak Ridge photographers on color printing.

The "Open" competition will be presented at the December meeting, and the year's winners will be announced. (January's competition is announced as "Children.")

Membership in the Camera Club now stands at an all-time high of 146 . . . and memberships may be renewed for 1967 at next week's meetings.

The Camera Club boasted a clean sweep in black and white prints at the TVA & I Fair recently. Winners, in order, were Cliff Johnson, Donald Hendrix, Mrs. Paul R. Thompson, Don Hendrix and others. Members also made an impressive showing at the Johnson City Festival of Arts.

11 a.m. Tickets To Parties Already Exhausted By Demand

As always, the 11 a.m. tickets are gone for the Big Christmas Kids' Party . . . that time is always more popular than the others. This year's supply became exhausted with the first insertion of the application blank in the Bulletin.

Year - after - year experience



December has come at last for all the children. Some grown-ups in Y-12 are celebrating early . . . with important birthdays with Union Carbide Corporation. Congratulations.

20 YEARS

William R. McGill, Fire Department, December 9.

Paul B. Proffitt, Garage, December 13.

15 YEARS

Ruby A. Viator, Production Analysis, December 7.

Bertha H. Craige, Janitors Department, December 8.

John A. Moon, 9215 Rolling Department, December 8.

Fay B. Duncan, Metallurgical Development, December 9.

Harrell D. Morris, Stores Department, December 10.

John T. McMichael, Process Maintenance, December 10.

Clara C. Hall, Janitors Department, December 12.

10 YEARS

Alan V. Davis, Physical Testing Department, December 13.

shows that this time is the most popular among parents.

Therefore, the 11 a.m. choice has been deleted from the accompanying ticket application.

Tickets will continue to be mailed to employee's homes up until next Friday, December 16. After that time no tickets will be mailed out.

Don't disappoint that child by failing to obtain him a ticket.

Angela Winlow and a big Collie act are all set for the five parties. The times are 9 a.m., 11 a.m., 1 p.m., 3 p.m. and 5 p.m. Tickets are still available for the first party and the three in the afternoon.

ORNL employees working in Y-12 receive both the Bulletin and the ORNL News. They may apply for tickets through either Recreation department. It is requested, however, that they use the proper plant application.

Santa will be on hand to greet the youngsters and their parents December 21. There will be colored cartoons, and a stocking for each visiting child.

The traditional parties always assure an auditorium filled with eager children, brightened by the prospects of the approaching happy season. Make sure your child is included in the happy gathering.

SOME DIFFERENCE

"The difference between us and our neighbor is that we don't tell half of what we know while he doesn't know half of what he tells." — George D. Prentice.

Safety is a job. Work at it!

Application For Tickets

TO

Christmas Parties

FOR CHILDREN OF CARBIDE EMPLOYEES

(Ages Two-10 Only)

WEDNESDAY, DECEMBER 21

Employee's Name _____ Badge No. _____

Home Address _____

(PLEASE PRINT — STREET ADDRESS OR R.F.D., CITY, AND ZIP CODE)

NUMBER OF TICKETS (Children) _____

NUMBER OF TICKETS (Adult) _____

— CHECK TIME PREFERRED —

Wednesday, December 21 9 A.M. _____

Only 1 P.M. _____ 3 P.M. _____ 5 P.M. _____

Please check first, second and third choice (write in space "1", "2" or "3") as only a limited number of tickets will be issued for each party. Preference will be given early applicants and if tickets for first choice are exhausted, tickets for second choice will be issued.

Return this form, properly and completely filled in, immediately to the Y-12 Recreation Office, Room 108, Bldg. 9704-2, NOT LATER than December 16. The required number of tickets will then be mailed to parents at their HOME ADDRESS.

Brace Yourself . . . There's A Bigger Bite Coming From Your Income In '67!

Before you start making your budget out for next year, you'd better remember that the Social Security Tax increases again in 1967. Beginning in January, you'll be paying .2 per cent more than you paid this year . . . or \$13.20 on the first \$6,600 of your '67 earnings.

Following is a schedule of the proposed increases through 1987.

Year	Combined		Contribution Your	Contribution UCC	Total
	Medicare Rate	Base Social Security Wage			
1966	8.4%	\$6,600	\$277.20	\$277.20	\$554.40
1967	8.8%	6,600	290.40	290.40	580.80
1969	9.8%	6,600	323.40	323.40	646.80
1973	10.8%	6,600	356.40	356.40	712.80
1976	10.9%	6,600	359.70	359.70	719.40
1980	11.1%	6,600	366.30	366.30	732.60

Union Carbide, of course, matches your FICA payments penny for penny.